

Name: _____ ID: _____ New to OSU: _____

email: _____@osu.edu Phone number: _____

http://www.ece.osu.edu

CORE (76 HRS)

AU

Bold courses are included in EPHR

SP

Engr (Survey)	1100	1	Engr (Fund. Of Engr II)	1182	2			
Engr (Fund. Of Engr I)	1181	2	Math (Engr. Calculus II)	1172	5			
Math (Calculus I)	1151	5	Chemistry for Engineers	1250	4			
Physics I	1250	5	CSE (Programming C/C++)	1222	3			
Yr. 1								
Physics II	1251	5	Math (Ord&Part Diff Eqns)	2415	3			
Math (Linear Algebra)	2568	3	ECE (Discrt Time Sig&Sys)	2050	3			
ECE (Digital Logic)	2060	3	ECE (Analog Sys&Circuits)	2020	3			
Yr. 2								
ECE (RF&Optical Engr.)	3010*	3	ECE (Microcontrollers)	2560	2			
ECE (Intro to Electronics)	3020*	3	Stat (Prob&Stat)	3470	3			
ECE (Semicondctr ElctrcnDev)	3030*	3	ECE (Electronics Lab)	3027	1			
ECE (Signals&Systems)	3050*	3	ECE (Energy&PowerSys. I)	3040*	3			
ECE (Ethics & Prof.)	3080	1	* Recommendation: Complete all five of these courses by end of junior year to allow technical electives based on them to be taken senior year. The order may be swapped.					
Yr. 3								
ISE (Engr. Econ.)	2040	2				ECE (Capstone Design)	4900	3
ECE (Tech. Writing)	3090	1				Yr. 4 <input type="checkbox"/> 4901 syllabus		
ECE (Capstone Design)	3900	1						

General Education (24 HRS)

- One GE must be a US Social or Global Diversity Course.
- One GE must be an ETHICS course. SS or AH
- English & Comm Skills (6 hr)**
- English 1110.xx 3 _____
- 2367 2nd writing 3 _____
- Social Sciences (6 hrs)**
- Only one course per Social Science group may count
- Grp 3 _____
- Grp 3 _____
- Literature**
- 3 _____
- Visual & Performing Arts**
- 3 _____
- Historical Study**
- 3 _____
- 2nd Hst. Study. or Culture & Ideas**
- 3 _____

ELECTIVES (28 HRS)

- At least 16 hours of the Electives must be ECE Technical Electives.
 - Must take a concentration of 6 hours in one of the domains below.
 - Must take at least 3 hours in each of two other domains below.
 - Must include at least one 5000 level ECE Technical Elective.
 - At least one ECE Technical Elective course must be a lab.
- Up to 12 hours of the Electives may be Directed Electives from the ECE approved list. Directed Electives generally include: courses required for entry into other engineering majors; required and technical elective courses in other engineering majors; pre-med courses; business or entrepreneurship courses; math, statistics, physics and chemistry courses at higher level than required in the ECE core; and other physical science or biological science courses. For physical science or biological science courses a maximum of 7 hours numbered below 2000 may be counted as Directed Electives.

DIRECTED ELECTIVES

Total Directed Electives (_____)

OTHER ECE TECHNICAL ELECTIVES

Total Other ECE Electives (_____)

Total ECE Domain Electives (_____)

TOTAL ECE Tech Electives (_____)

Lab 5000-level

COMM/DSP

Lectures	
ECE 5000	3 _____
ECE 5101	3 _____
ECE 5200	3 _____
ECE 5206	3 _____
ECE 5400	3 _____
Labs	
ECE 5007	0.5 _____
ECE 5207	0.5 _____
TOTAL	(_____)

COMPUTER

Lectures	
ECE 3561	3 _____
ECE 5362	3 _____
ECE 5460	3 _____
ECE 5462	3 _____
ECE 5463	3 _____
ECE 5465	3 _____
Labs	
ECE 3567	1 _____
TOTAL	(_____)

ELECTROMAGNETICS & OPTICS

Lectures	
ECE 5010	3 _____
ECE 5011	3 _____
ECE 5012	3 _____
ECE 5013	3 _____
ECE 5510	3 _____
ECE 5511	3 _____
Labs	
ECE 5017	4 _____
TOTAL	(_____)

ELECTRONICS

Lectures	
ECE 5020	3 _____
ECE 5021	3 _____
ECE 5022	3 _____
ECE 5120	3 _____
Labs	
ECE 5027	4 _____
TOTAL	(_____)

SOLID STATE ELECTRONICS & PHOTONICS

Lectures	
ECE 5031	3 _____
ECE 5033	3 _____
ECE 5131	3 _____
ECE 5132	3 _____
ECE 5530	3 _____
ECE 5832	3 _____
ECE 5833	3 _____
Labs	
ECE 5037	4 _____
ECE 5137	0.5 _____
ECE 5237	3 _____
TOTAL	(_____)

ENERGY & POWER

Lectures	
ECE 5025	3 _____
ECE 5041	3 _____
ECE 5042	3 _____
ECE 5043	3 _____
ECE 5541	3 _____
Labs	
ECE 3047	1 _____
ECE 5047	3 _____
ECE 5127	1 _____
TOTAL	(_____)

CONTROL

Lectures	
ECE 3551	3 _____
ECE 5551	3 _____
ECE 5553	3 _____
ECE 5554	3 _____
ECE 5759	3 _____
Labs	
ECE 3557	1 _____
ECE 5557	2 _____
TOTAL	(_____)

Hours Req'd for Degree: **128**

Earned Hours to Date: _____

Total Proposed Hours: _____

Final CPHR: _____ Final MGPA: _____

OK to Graduate? Yes No _____

Program Approved: _____

Transfer students:
30 OSU ECE hrs?

Math & B. Science:
32 hrs?

Advisor's Signature _____ Date _____